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ABSTRACT OF THE DISCLOSURE

--When a personal computer system user carries out an OS shutdown, a BIOS does not turn off power, but reboots the system by a software reset to execute a POST, so that the state of the system immediately before starting the launch of the OS after completion of the POST is held in a volatile memory, and the system is shifted to a power saving mode. Subsequently, when the system is booted, the BIOS performs only restoration processing from the power saving mode while omitting the POST execution, and at once launches the OS, thereby shortening the system boot time by omitting the POST execution when the system is booted. Thus, POST processes are performed after the OS shutdown, a state that the POST has been completed after rebooting is held in the volatile memory, and then the system is placed into a state of power saving mode. --